

**Determine which choice best shows the associative property of multiplication.****Answers**

- 1) A. $7 \times 8 = 8 \times 7$
B. $7 \times 1 = 7$
C. $(7 \times 8) + (7 \times 1) = 7 \times (8 + 1)$
D. $(7 \times 8) \times 1 = 7 \times (8 \times 1)$

- 2) A. $2 \times 9 = 9 \times 2$
B. $2 \times 1 = 2$
C. $(2 \times 9) \times 6 = 2 \times (9 \times 6)$
D. $(2 \times 9) + (2 \times 6) = 2 \times (9 + 6)$

- 3) A. $3 \times (1 \times 5) = (3 \times 1) \times 5$
B. $1 \times 3 = 3$
C. $3 \times (1 + 5) = (3 \times 1) + (3 \times 5)$
D. $3 \times 1 = 1 \times 3$

- 4) A. $2 \times (10 \times 6) = (2 \times 10) \times 6$
B. $1 \times 2 = 2$
C. $2 \times (10 + 6) = (2 \times 10) + (2 \times 6)$
D. $2 \times 10 = 10 \times 2$

- 5) A. $0 \times 1 = 0$
B. $(0 \times 5) + (0 \times 9) = 0 \times (5 + 9)$
C. $(0 \times 5) \times 9 = 0 \times (5 \times 9)$
D. $0 \times 5 = 5 \times 0$

- 6) A. $1 \times (9 + 8) = (1 \times 9) + (1 \times 8)$
B. $1 \times (9 \times 8) = (1 \times 9) \times 8$
C. $1 \times 1 = 1$
D. $1 \times 9 = 9 \times 1$

- 7) A. $9 \times 3 = 3 \times 9$
B. $9 \times (3 \times 1) = (9 \times 3) \times 1$
C. $1 \times 9 = 9$
D. $9 \times (3 + 1) = (9 \times 3) + (9 \times 1)$

- 8) A. $6 \times 1 = 6$
B. $6 \times 4 = 4 \times 6$
C. $(6 \times 4) + (6 \times 2) = 6 \times (4 + 2)$
D. $(6 \times 4) \times 2 = 6 \times (4 \times 2)$

- 9) A. $(8 \times 4) \times 3 = 8 \times (4 \times 3)$
B. $(8 \times 4) + (8 \times 3) = 8 \times (4 + 3)$
C. $8 \times 1 = 8$
D. $8 \times 4 = 4 \times 8$

- 10) A. $1 \times 0 = 0$
B. $0 \times (1 \times 9) = (0 \times 1) \times 9$
C. $0 \times 1 = 1 \times 0$
D. $0 \times (1 + 9) = (0 \times 1) + (0 \times 9)$

- 11) A. $(10 \times 0) \times 2 = 10 \times (0 \times 2)$
B. $10 \times 0 = 0 \times 10$
C. $10 \times 1 = 10$
D. $(10 \times 0) + (10 \times 2) = 10 \times (0 + 2)$

- 12) A. $(4 \times 3) \times 8 = 4 \times (3 \times 8)$
B. $(4 \times 3) + (4 \times 8) = 4 \times (3 + 8)$
C. $4 \times 1 = 4$
D. $4 \times 3 = 3 \times 4$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



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Answers

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1. **D**
 2. **C**
 3. **A**
 4. **A**
 5. **C**
 6. **B**
 7. **B**
 8. **D**
 9. **A**
 10. **B**
 11. **A**
 12. **A**